



**Vestil Manufacturing Company**  
 2999 North Wayne Street, P.O. Box 507, Angola, IN 46703  
 Telephone: (260) 665-7586 -or- Toll Free (800) 348-0868  
 Fax: (260) 665-1339  
 Web: [www.vestil.com](http://www.vestil.com) e-mail: [info@vestil.com](mailto:info@vestil.com)

# FL-ADJ



### Receiving Instructions

After delivery, remove the packaging from the product. Inspect the product closely to determine whether it sustained damage during transport. If damage is discovered, record a complete description of it on the bill of lading. If the product is undamaged, discard the packaging.

**NOTE:** The end-user is solely responsible for confirming that product design, use, and maintenance comply with laws, regulations, codes, and mandatory standards applied where the product is used.

### Technical Service & Replacement Parts

For answers to questions not addressed in these instructions and to order replacement parts, labels, and accessories, call our Technical Service and Parts Department at (260) 665-7586. The department can also be contacted online at <https://www.vestil.com/page-parts-request.php>.

### Electronic copies of Instruction Manuals

Additional copies of this instruction manual may be downloaded from <https://www.vestil.com/page-manuals.php>.

<b>Table of Contents</b>		<b>Page</b>
Signal Words.....		2
Safety Instructions.....		2
Applying the Floor Lock.....		2
Adjusting the Floor Lock.....		3
Specifications.....		3
Record of Satisfactory Condition.....		4
Inspecting & Maintaining the Floor Lock.....		4
Limited Warranty.....		5

## SIGNAL WORDS

SIGNAL WORDS appear in this manual to draw the reader's attention to important safety-related messages.



**DANGER**

Identifies a hazardous situation which, if not avoided, **WILL** result in **DEATH** or **SERIOUS INJURY**. Use of this signal word is limited to the most extreme situations.



**WARNING**

Identifies a hazardous situation which, if not avoided, **COULD** result in **DEATH** or **SERIOUS INJURY**.



**CAUTION**

Indicates a hazardous situation which, if not avoided, **COULD** result in **MINOR** or **MODERATE** injury.



Identifies practices likely to result in product/property damage, such as operation that might damage the product.

## SAFETY INSTRUCTIONS

Vestil strives to identify all foreseeable hazards associated with the use of its products. However, material handling is dangerous and no manual can address every conceivable risk. Ultimately, the most effective way to prevent injury is to apply sound judgment whenever using this device.

### ⚠️ WARNING

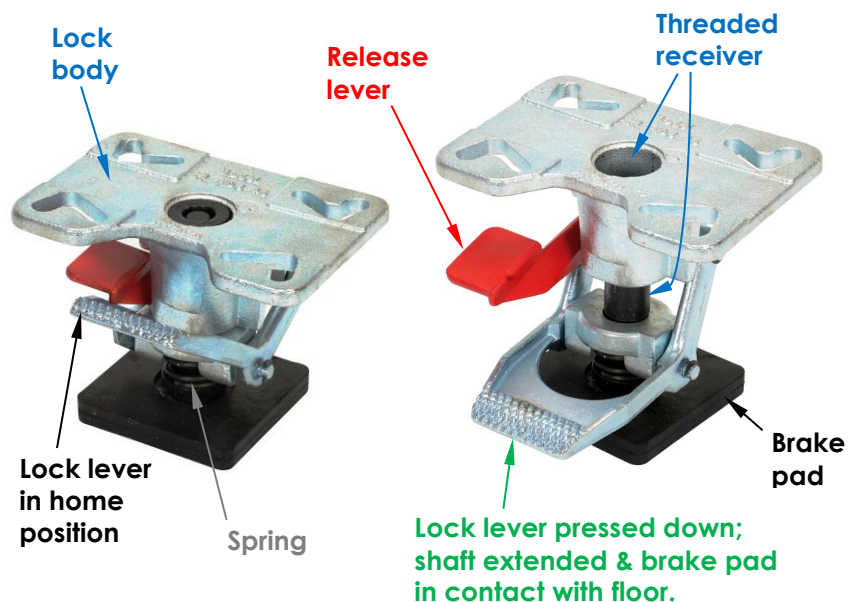
Improper or careless use of this product could result in death or serious personal injuries.

- Read and understand the entire manual before assembling, installing, using or servicing the product. Read the manual to refresh your understanding of proper use and maintenance procedures.
- DO NOT attempt to resolve an issue(s) with the product unless you are qualified to work on it. Contact the [TECHNICAL SERVICE](#) department for assistance, whenever necessary. Contact information is provided on the cover page of this manual.
- DO NOT modify the product in any way UNLESS you first obtain written approval from Vestil. Unapproved modifications automatically void the [LIMITED WARRANTY](#) on p. 5, and might make the product unsafe to use.
- Inspect the product according to the instructions in [INSPECTING & MAINTAINING THE STAND](#). DO NOT use the product unless it is in [satisfactory condition](#).
- The lock pedal snaps back to its home position very forcefully when the release pedal is pressed. Avoid contact with the lock pedal as it is released. **You must wear closed-toe shoes whenever applying or releasing the floor lock!**
- DO NOT apply the floor lock to sloped surfaces. Only apply the floor lock to even, level surfaces.
- This floor lock does not prevent movement of the item it is attached to when it is applied. The floor lock resists movement of the item. If item immobilization is necessary for your application, additional means must be utilized, e.g. wheel chocks and caster brakes.

## APPLYING THE FLOOR LOCK

To apply the floor lock, step on the **lock lever** and firmly press it down. Pressing the lock lever extends the threaded shaft of the lock mechanism approximately 1 inch. The threaded shaft attaches to the black, rubber **brake pad**. As the shaft extends, the brake pad lowers and presses against the floor.

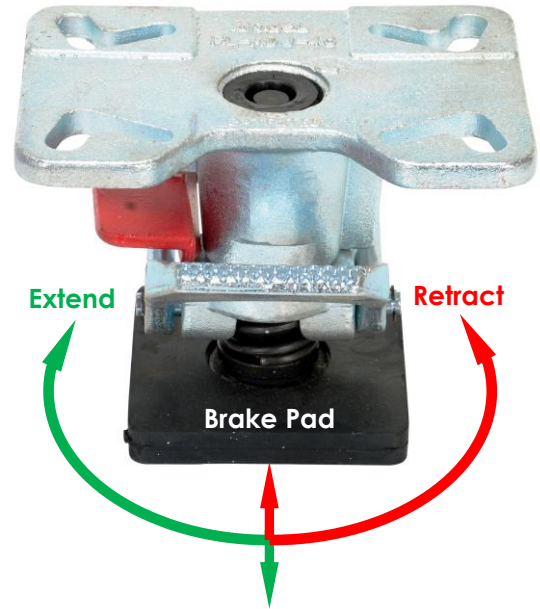
Release the lock by firmly pressing the red **release lever** down. When the lock is released, the threaded shaft retracts and the lock lever quickly and forcefully returns to its home position. Avoid contact with the lock lever while releasing the lock.



## ADJUSTING THE FLOOR LOCK

The overall height of the floor lock is adjustable. The brake pad is attached to a threaded shaft that winds into a threaded receiver in the lock body. Rotate the brake pad clockwise to **extend** the threaded shaft and increase the overall height of the floor lock. Turn the brake pad counterclockwise to **retract** the threaded shaft and decrease the overall height of the floor lock. When the floor lock is not in use, the bottom of the brake pad should be approximately 3/4 inch above the floor.

Apply the lock after each adjustment to confirm that the brake pad makes solid contact with the floor. If the brake pad is too close to the floor before the lock is applied, then the item the floor lock is attached to might be partially lifted off of the floor when the lock is applied. Adjust the position of the brake pad so that it makes solid contact with the floor without lifting the item the floor lock is attached to off of the floor when the lock is applied.



## SPECIFICATIONS

Documents that provide specifications for FL-ADJ series floor locks are available online to anyone who visits Vestil's website. Specifications include dimensions, net weight, and service range information. To access the appropriate specifications document, navigate to the FL-ADJ webpage at <https://www.vestil.com/product.php?FID=1064>. Scroll the page to the entry for model you purchased. Click the button in the "PDF" column that looks like a pencil inside a blue box. A PDF file will open. This file is the specifications document. Print a copy of the document and keep it with your copy of this manual. The following is an exemplar specification document, in this case, for model FL-ADJ-46.

**ADJUSTABLE HEIGHT FLOOR LOCKS - FL-ADJ-46**

APPROX WEIGHT: 8.65 lbs.  
DOES NOT INCLUDE WEIGHT OF POWER OR PACKAGING!!!

\*\*\* ANY ADDITIONS, DELETIONS, OR OMISSIONS MUST BE CORRECTED ON THIS DRAWING AS THIS DRAWING WILL BE CONSIDERED ALL INCLUSIVE \*\*\*  
 ALL GRAPHICS PROVIDED ARE FOR REFERENCE ONLY. IF CERTAIN DIMENSIONS ARE CRITICAL PLEASE VERIFY THOSE DIMENSIONS WITH YOUR SALESPERSON

**STANDARD FEATURES**

MODEL NUMBER: FL-ADJ-46  
 OVERALL WIDTH: 5 5/8"  
 USABLE WIDTH: 4 1/2"  
 OVERALL LENGTH: 6 1/2"  
 HEIGHT RANGE  
 EXTENDED: 6 1/4" - 8"  
 RETRACTED: 5 1/2" - 7 1/4"

**SPECIAL FEATURES**

NONE

**APPROVAL**

I, THE UNDERSIGNED, AGREE THAT THE PRODUCT AS REPRESENTED SATISFIES DESIGN AND DIMENSION REQUIREMENTS. I ALSO ACKNOWLEDGE MY DUTY TO CONFIRM PRODUCT AND INSTALLATION COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS.  
**ALL SPECIAL UNITS ARE NON-RETURNABLE**  
 As drawn  As marked

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
 LEAD TIME WILL START UPON RECEIPT OF SIGNED APPROVAL DRAWING

FOR INTERNAL USE ONLY PROJECT SIGN OFF	DISTRIBUTOR'S NAME: VESTIL MANUFACTURING	P.O.# X
SALES _____	DRAWN BY: KJY	W.O.# X
ENG. _____	DATE: 05/22/12	SALES: X
FAB. _____	REFERENCE: X	FILE NAME:
POWER _____	QUOTED LEAD TIME: X	SCALE: 1:4
		16-007-189

DIMENSION TOLERANCE ± 1/4"

## RECORD OF SATISFACTORY CONDITION (THE “RECORD”)

Before the floor lock is installed, or before putting the item the lock is attached to if already installed, make a detailed record of the lock's condition. Include observations about all features identified in the diagrams on p. 2 (brake pad, lock lever, release lever, lock body, spring, & threaded shaft and receiver). Thoroughly photograph the unit from multiple angles so that all features are clearly imaged. Record a short video showing the lock being applied and released. Collect all photographs, videos, and writings in a file. This file is a record of the floor lock in satisfactory condition. Compare the results of each inspection to this *RECORD* to determine whether the lock remains in satisfactory condition. Do not use the lock unless it is in satisfactory condition.

## INSPECTING AND MAINTAINING THE FLOOR LOCK

Compare inspection results to your [RECORD](#). Do not continue to use the product unless all components are in [SATISFACTORY CONDITION](#). Cosmetic changes, like damaged paint/powder coat do not constitute changes from satisfactory condition. However, touchup paint should be applied to all affected areas as soon as damage occurs.

Contact the [TECHNICAL SERVICE & PARTS DEPARTMENT](#) to order replacement parts. Contact information is provided on the cover page of this manual.

The floor lock can be inspected more easily by temporarily disconnecting it from the item it is attached to. Loosen and remove the nuts from the (4) bolts that fasten the lock to your item. Any time a lock nut is removed, it must be replaced with a new lock nut. If the lock is fastened to the item with regular hex nuts, the hex nuts may be reused. Reinstall the floor lock once the inspection is finished and all repairs and/or part replacements have been completed.

Inspect the following at least once per month:

1. Surfaces – Check all surfaces of the lock, especially the underside of the brake pad, for dirt or other matter (e.g. oil). Clean the surfaces of the lock with a mild soap and water solution and air dry.
2. Brake pad – Examine the pad for breaks, tears, cracks, and significant wear. There are concavities on the underside of the pad that act like suction cups. Over time, the underside of the pad wears down and these concavities disappear. If the suction cups are significantly worn, the brake pad should be replaced.
3. Lock lever and release lever – Examine the levers for significant wear and other forms of damage.
4. Spring – Check the spring for cracks, rust, corrosion, and other damage. Remove debris.
5. Threaded receiver and threaded shaft – Examine the shaft and its receiver. Look for cracks, bends, rust and corrosion, and other forms of damage.
6. Lock body – Examine the body for significant wear, cracks, breaks, corrosion/rust, and other forms of damage (e.g. impact damage). Remove rust and corrosion with a soft bristle brush. Clean the affected area and apply touchup paint. If rust, rot, or thinning has weakened the metal, contact [TECHNICAL SERVICE](#) for advice.



## LIMITED WARRANTY

Vestil Manufacturing Company ("Vestil") warrants this product to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective, original part covered by the warranty after we receive a proper request from the Warrantee (you) for warranty service.

### Who may request service?

Only a warrantee may request service. You are a warrantee if you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

### Definition of "original part"?

An original part is a part used to make the product as shipped to the Warrantee.

### What is a "proper request"?

A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by one of the following methods:

<u>US Mail</u>	<u>Fax</u>	<u>Email</u>
Vestil Manufacturing Co. 2999 North Wayne Street, PO Box 507 Angola, IN 46703	(260) 665-1339 <u>Phone</u> (260) 665-7586	<a href="mailto:info@vestil.com">info@vestil.com</a> Enter "Warranty service request" in subject field.

In the written request, list the parts believed to be defective and include the address where replacements should be delivered. After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil will require you to send the entire product, or just the defective part (or parts), to its facility in Angola, IN.

### What is covered under the warranty?

The warranty covers defects in the following original, dynamic parts: motors, hydraulic pumps, motor controllers, and cylinders. It also covers defects in original parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

### How long is the warranty period?

The warranty period for original dynamic components is 90 days. For wearing parts, the warranty period is 90 days. Both warranty periods begin on the date Vestil ships the product to the Warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend a warranty period for products shipped from authorized distributors by up to 30 days to account for shipping time.

### If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any covered part. An authorized representative of Vestil will contact you to discuss your claim.

### What is not covered by the warranty?

The Warrantee (you) are responsible for paying labor costs and freight costs to return the product to Vestil for warranty service.

### Events that automatically void this Limited Warranty.

- Misuse;
- Negligent assembly, installation, operation or repair;
- Installation/use in corrosive environments;
- Inadequate or improper maintenance;
- Damage sustained during shipping;
- Collisions or other accidents that damage the product;
- Unauthorized modifications: Do not modify the product IN ANY WAY without first receiving written authorization from Vestil.

### Do any other warranties apply to the product?

Vestil Manufacturing Co. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty. Vestil makes no warranty or representation that this product complies with any state or local design, performance, or safety code or standard. Noncompliance with any such code or standard is not a defect in material or workmanship.